


**Hard chrome plated barsteel from stainless steel
AISI 329**
articlecode: **346**

Material AISI 329 (duplex) is a austenitic-ferritic stainless, that has a much better corrosion-resistance in comparison with AISI 431.
AISI 329 has compared to AISI 316 a much better resistance against tension-corrosion and much better mechanical properties.

General

Hard chrome plated barsteel from stainless steel AISI 329 (materialnumber 1.4460)

The bars are ready to use and have a diameter tolerance of f7.

The chrome layer thickness has minimum 20 µm. The surface roughness (Ra) is maximum 0,2 µm (cut-off 0,8 mm). The surface hardness is minimum 900 HV.

The hard chrome plated bars will be mainly used as pistonrods for hydraulic cylinders.

The lengths are about 6 meter, cutting on request.

Mechanical properties	Nikrom 500		
	329	431	280/20MnV6
Yieldstrength N/mm ²	≥ 490	≥ 600	≥ 400
Tensilestrength N/mm ²	640-900	800-950	550-700
Elongation (A5) min. %	≥ 25	≥ 14	≥ 19

Out of roundness

Maximum 1/2 of the diameter tolerance

Straightness

Deviation diam. ≤ 160 mm: max. 0,3 : 1000 mm and > 160 mm: max. 0,5 mm : 1000 mm

Packaging

In plastic sleeve or cardboard tube / bundle or wooden box.

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	Diameter mm	Kg/m		
Hard chrome plated barsteel from stainless steel AISI 329	18	2,00		
	20	2,47		
	25	3,85		
	30	5,55		
	35	7,55		
	40	9,87		
	45	12,48		
	50	15,41		
	55	18,65		
	60	22,20		
	70	30,21		
	80	39,46		
	90	49,94		
	100	61,65		
110	74,60			
	Other sizes on request			
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* All mentioned sizes have a delivery time of minimum 1 week s.b.u.

Although Van Leeuwen Precisie B.V. is carefully composing the pricelist, every responsibility concerning the offered information is excluded. For actual prices please consult our online gross-pricelist on the internet site www.vanleeuwen-precisie.nl.